

ABSTRACT OF THE INVENTION

A cross-linkable and cross-linked organosilicon polymer which is prepared from a mixture of a reactive polysiloxane resin having both reactive carbon-carbon double bonds and silicone-hydrogen groups, characterized by alternating structures of polycyclic polyene residue and cyclic (or tetrahedral) polysiloxane residue, and either vinyl terminated fluorine-containing polysiloxane or vinyl terminated phenyl-substituted siloxane. In an alternative embodiment, the polymer comprises a mixture of vinyl terminated phenyl-substituted polysiloxane and vinyl functional fluorosilicone elastomer with the cross-linkable and cross linked organosilicon polymer.

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